

IP-KVM1001

Quick Start Guide



Step 1 Check kit contents

The IP-KVM package consists of the followings items:

- ✓ The IP-KVM unit
- ✓ CD-ROM (User's manual) and Quick Start Guide
- ✓ DC power supply adapter
- ✓ 3-in-1 Integrated Adapting Local Cable
- ✓ USB A-mini cable
- ✓ Serial Cable (RJ45 to DB9F)
- ✓ Rack mounting kit and footpads set

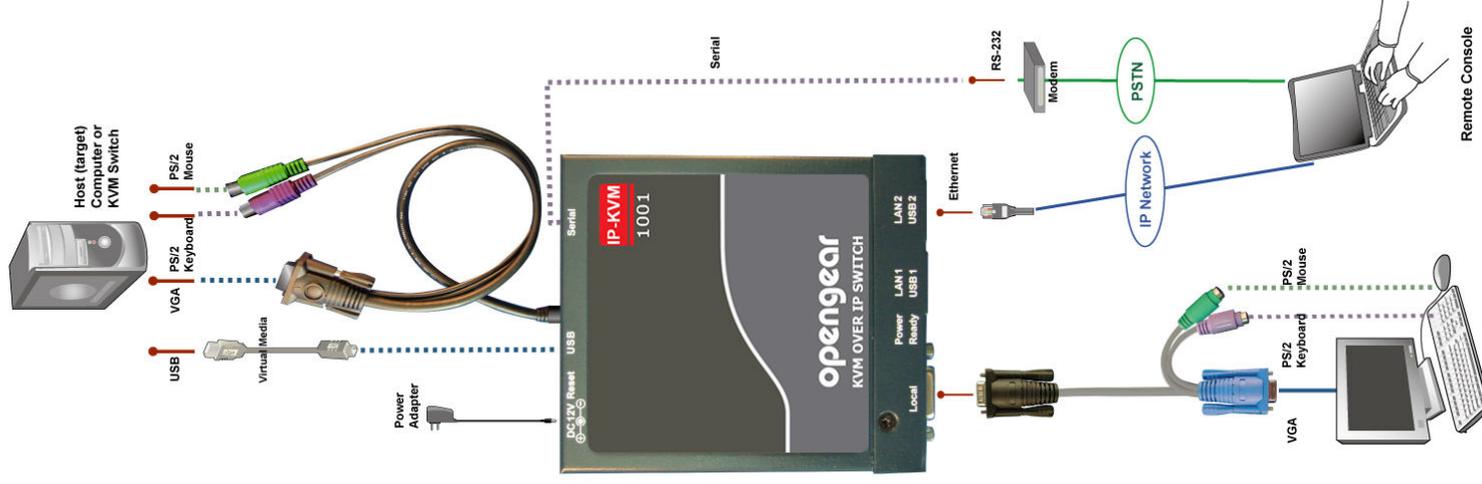
Step 2 Hardware installation

Installation steps: (for PS/2 application)

- Power down your target Host computer (or target KVM switch) and the IP-KVM
- Connect the VGA and PS/2 connectors of the attached 3-in-1 Cable to the Host computer
- Connect the 3-in-1 Integrated Adapting Cable to the **Local** DB-15 connector of IP-KVM
- Connect the monitor, keyboard and mouse to the Adapting Cable
- Connect one end of Ethernet cable to LAN1 or LAN 2 jack of IP-KVM, and the other end to the Remote Console computer

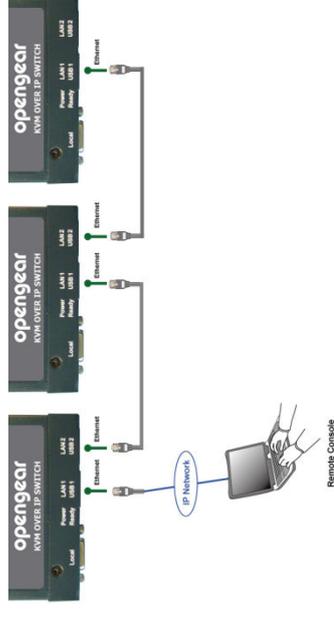
Installation steps: (for USB application)

- As above, but connect the USB connectors of USB A-mini cable to the Host computer and the IP-KVM
- Connect the USB keyboard and mouse to the USB1 or USB2 connector



Installation steps: (cascaded multiple IP-KVMs to control multiple host computers)

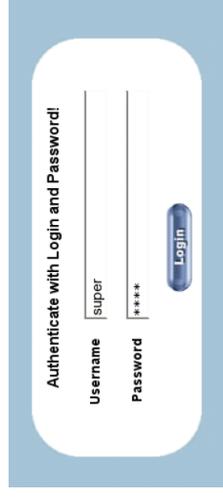
- Same procedure to install cable connections of every stand-alone IP-KVM and host computer.
- Connect Ethernet cable (straight or cross-over) between IP-KVM units (LAN1 or LAN2)



Step 3 Network configuration

You can access the IP-KVM from the Remote Console computer using your favorite web browser by entering `https://<IP address of IP-KVM>` for a secure SSL connection (or `http://` for an insecure connection).

- Access using the default IP address `http://192.168.0.70`

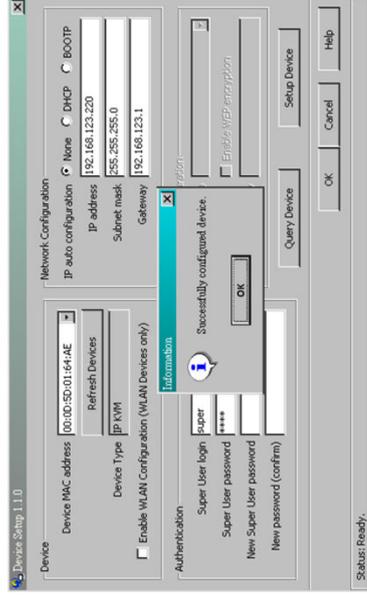


- Log in using the default system user name **super** and the default password **pass**
- The IP-KVM home page will display and you can reconfigure as detailed in Step 4

Note: Please make sure to change the super user password immediately after you have installed and accessed your IP-KVM for the first time. Not changing this password for the super user is a severe security risk and might result in unauthorized access to the IP-KVM and to the host system

Note: To configure using the web browser, the IP address of the Remote Console computer must be in the same network range as the IP-KVM (i.e. 192.168.0.xxx).

- Alternately you can set up the IP-KVM with a new IP address using the *psetup* program on the CDROM:
- Click **Refresh Devices** and *psetup* will detect any network connected IP-KVM devices and display them by their MAC addresses.
- Click **Query Device** to find the current IP configuration of the selected MAC address device
- Set *IP auto configuration* as "None"; and enter the new *IP address* and *Subnet mask*
- Enter *super* and *pass* as the login and password
- Click **Setup Device**. If super login was authenticated, it'll show "Successfully configured device". Otherwise it'll show "Permission Denied"



The *psetup* program can also configure the IP-KVM to get its IP address using DHCP or BOOTP. **Query Device** will display the newly assigned IP address.

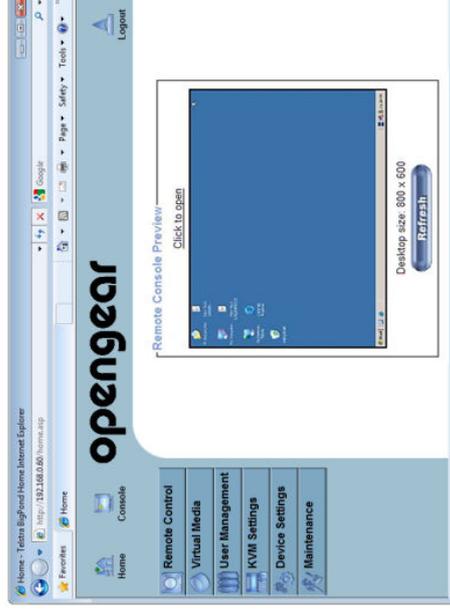
- You may also network configure the IP-KVM using serial terminal console connected to the RS-232 **Serial** port (default 115 kbps, 8 data 1 stop bit, no flow control or parity):
- Reset the IP-KVM and immediately press *ESC* key
- At the => prompt enter config press *Enter* key and wait for a few seconds
- Follow the config questions on the screen and press *Enter* to accept the default values

Step 4 IP-KVM Settings

It is recommended you undertake the following steps before connecting to the host (target) computer:

Security:

- Select **Device Services: Security** from the web page and check **Force HTTPS for Web access** to require SSL encryption
- Click **Apply** to store your settings in nonvolatile memory. You may need to reconnect to the web page using *https://<IP address of IP-KVM>*



2. Network TCP IP address, ports and services:

- You may need to assign the IP-KVM a new network
- The Remote Consoles will need to have access to the IP-KVM's IP address and the appropriate "ports" must be open for incoming TCP connection establishments (port 443 for both HTTPS and RFB)
- You may need to consult your system administrator if your system's firewalls and NAT device requires reconfiguration or change to these values i.e. select **Device Settings: Network** and under **Network Miscellaneous Settings** modify the TCP ports as necessary

Step 5 Host computer connection

Before connecting it is recommended you configure the host (target) computer to deliver maximize performance:

- The IP-KVM will auto-sync with a variety of video display formats with resolutions up to 1280 x 1024 @ 60Hz. However you should configure the host computers' video resolution to the minimum setting required for your remote monitoring application (e.g. 800 x 600 @ 60Hz)
- Please check that *Enhance pointer precision* is disabled in the mouse settings of the host computer's OS. If a Windows system, select **Control Panel: Mouse: Pointer Options** then set the pointer speed to medium and disable *Enhanced pointer precision*. For Linux set the mouse acceleration to exactly 1 and the threshold to 1

To begin remote control of the attached host (target):

- Click on the **Console** icon on the IP-KVM home page. The Remote Console java applet will open an additional window displaying the screen content of your host system. The Remote Console will behave exactly in the same way as if you were sitting locally in front of the screen of your remote system
- The upper part of the Remote Console window contains a control bar. To open the Options menu, click on the button "Options"

